

LEVEL 1 OF 1 PATENT

5,609,938

<=2> GET 1st DRAWING SHEET OF 7

Mar. 11, 1997

Image display apparatus with holes for opposite side viewing

REISSUE: Reissue Application filed Mar. 11, 1999 (O.G. Apr. 20, 1999) Ex. Gp.:  
1772; Re. S.N. 09/267,025

CORE TERMS: panel, layer, display, transparent, window, perforated, coating,  
hole, color, adhesive...

*LiV'ssion  
Search*

*No LiV'ssion  
Found*

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8-11-99*

5,609,938 OR 5609938

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5609938

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1 Citing Reference

Citations to: Ori, Pat. No. 5609938

Restricted: No Restrictions

Double-click on a number or enter an equal sign followed by the number.

<=1> Restrictions <=2> Show Negative Refs <=3> Exit SHEPARD'S <=4> Help

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Administrative Decisions

1221 Off. Gaz. Pat. Office 65

-- p.65

S1 1 PN="US 5609938"  
? t 1/39/1

1/39/1  
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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12997029  
Basic Patent (No,Kind,Date): WO 9611798 A1 960425 <No. of Patents: 006>  
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9481715	A1	960502	AU 9481715	A	941222
AU 9539576	A1	960506	AU 9539576	A	951018
AU 697657	B2	981015	AU 9481715	A	941222
NZ 280279	A	980826	NZ 280279	A	951018
US 5609938	A	970311	US 324889	A	941018
WO 9611798	A1	960425	WO 95US13277	A	951018 (BASIC)

Priority Data (No,Kind,Date):  
US 324889 A 941018  
WO 95US13277 W 951018  
US 81728 B2 930623

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9481715 A1 960502  
IMAGE DISPLAY APPARATUS (English)  
Patent Assignee: GREGORY EDYE ROSS  
Priority (No,Kind,Date): US 324889 A 941018  
Applic (No,Kind,Date): AU 9481715 A 941222  
IPC: \* G09F-019/14  
Language of Document: English  
Patent (No,Kind,Date): AU 9539576 A1 960506  
IMAGE DISPLAY APPARATUS WITH HOLES FOR OPPOSITE SIDE VIEWING (English)  
Patent Assignee: CREATIVE MINDS FOUNDATION  
Author (Inventor): SHIELDS RODNEY M  
Priority (No,Kind,Date): US 324889 A 941018; WO 95US13277 W 951018  
Applic (No,Kind,Date): AU 9539576 A 951018  
IPC: \* B32B-003/10; B32B-003/24; G02B-017/00  
Derwent WPI Acc No: \* G 96-221838  
Language of Document: English  
Patent (No,Kind,Date): AU 697657 B2 981015  
IMAGE DISPLAY APPARATUS (English)  
Patent Assignee: GREGORY EDYE ROSS  
Author (Inventor): SHIELDS RODNEY M  
Priority (No,Kind,Date): US 324889 A 941018  
Applic (No,Kind,Date): AU 9481715 A 941222  
IPC: \* G09F-019/14  
Derwent WPI Acc No: \* G 96-221838  
Language of Document: English

NEW ZEALAND (NZ)

Patent (No,Kind,Date): NZ 280279 A 980826  
ONE WAY VISION DISPLAY PANEL, TRANSPARENT WHEN VIEWED FROM ONE SIDE,  
AND OPAQUE WHEN VIEWED FROM THE OTHER, CONTAINS PERFORATIONS  
(English)  
Patent Assignee: HUMPHRIES ROBYN; CLEAR FOCUS AUSTRALIA TRUST  
Author (Inventor): SHIELDS RODNEY  
Priority (No,Kind,Date): US 324889 A 941018

Applic (No,Kind,Date): NZ 280279 A 951018  
IPC: \* G09F-013/10 G09F-021/04  
Derwent WPI Acc No: \* G 96-221838  
Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5609938 A 970311  
IMAGE DISPLAY APPARATUS WITH HOLES FOR OPPOSITE SIDE VIEWING (English)  
Patent Assignee: CREATIVE MINDS FOUNDATION INC (US)  
Author (Inventor): SHIELDS RODNEY M (US)  
Priority (No,Kind,Date): US 324889 A 941018; US 81728 B2 930623  
Applic (No,Kind,Date): US 324889 A 941018  
National Class: \* 428138000; 428131000; 428137000; 428195000;  
428201000; 428203000; 428204000; 428918000; 428913000; 428038000;  
428041800; 428042100; 359839000; 359594000; 359601000; 040219000;  
427243000  
IPC: \* B32B-003/24  
Derwent WPI Acc No: \* G 96-221838  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
US 5609938 P 930623 US AA PRIORITY  
US 81728 B2 930623  
US 5609938 P 941018 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 324889 A 941018  
US 5609938 P 970311 US A PATENT  
US 5609938 P 990420 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
19990311

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9611798 A1 960425  
IMAGE DISPLAY APPARATUS WITH HOLES FOR OPPOSITE SIDE VIEWING (English)  
Patent Assignee: CREATIVE MINDS FOUNDATION (US)  
Author (Inventor): SHIELDS RODNEY M  
Priority (No,Kind,Date): US 324889 A 941018  
Applic (No,Kind,Date): WO 95US13277 A 951018  
Designated States: (National) AM; AT; AU; BB; BG; BR; BY; CA; CH; CN;  
CZ; DE; DK; EE; ES; FI; GB; GE; HU; IS; JP; KE; KG; KP; KR; KZ; LK;  
LR; LT; LU; LV; MD; MG; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE;  
SG; SI; SK; TJ; TM; TT; UA; UG; UZ; VN (Regional) KE; MW; SD; SZ;  
UG; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE;  
BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG  
Filing Details: WO 130000 With international search report; Before  
expiration of time limit for amending the claims and to be  
republished in the event of the receipt of the amendments  
IPC: \* B32B-003/10; B32B-003/24; G02B-017/00  
Derwent WPI Acc No: \* G 96-221838; G 96-221838  
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):  
WO 9611798 P 941018 WO AA PRIORITY (PATENT)  
US 324889 A 941018  
WO 9611798 P 951018 WO AE APPLICATION DATA (APPL. DATA)  
WO 95US13277 A 951018  
WO 9611798 P 960425 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES  
FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU  
LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG

WO 9611798	P	960425	SI SK TJ TMTT UA UG UZ VN WO AL DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
WO 9611798	P	960425	WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9611798	P	960724	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9611798	P	970723	WO 122 EP: PCT APP. NOT ENT. EUROP. PHASE (EP: PCT ANM. NICHT IN EUROP. PHASE EING.)
WO 9611798	P	970807	DE 8642/REG WITHDRAWAL (ZURUECKNAHME)
WO 9611798	P	970818	WO NENP NON-ENTRY INTO THE NATIONAL PHASE IN: CA



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1/1 WPIL - (C) Derwent- image

AN - 1996-221838 [22]

XP - N1996-186200

TI - One way display panel assembly for use in transparent display medium such as window of building or vehicle - includes opaque panel of flexible sheet material of colour sufficiently dark for absorbing light, whose front surface has light-reflective colour coating bearing image, and holes disposed in panel assembly

DC - P73 P81

PA - (ROSS/) ROSS G E

- (CREA-) CREATIVE MINDS FOUND

- (CLEA-) CLEAR FOCUS AUSTRALIA TRUST

- (HUMP/) HUMPHRIES R

- (CREA-) CREATIVE MINDS FOUND INC

IN - SHIELDS RM; SHIELDS R

NP - 6

NC - 64

PN - WO9611798 A1 19960425 DW1996-22 B32B-003/10 25p \*

AP: 1995WO-US13277 19951018

DSNW: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP

KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE

SG SI SK TJ TM TT UA UG UZ VN

DSRW: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

- AU9481715 A 19960502 DW1996-25 G09F-019/14

AP: 1994AU-0081715 19941222

- AU9539576 A 19960506 DW1996-36 B32B-003/10

FD: Based on WO9611798

AP: 1995AU-0039576 19951018

- US5609938 A 19970311 DW1997-16 B32B-003/24 14p

AP: 1993US-0081728 19930623; 1994US-0324889 19941018

- NZ-280279 A 19980826 DW1998-40 G09F-013/14

AP: 1995NZ-0280279 19951018

- AU-697657 B 19981015 DW1999-02 G09F-019/14

FD: Previous Publ. AU9481715

AP: 1994AU-0081715 19941222

PR - **1994US-0324889** 19941018; **1993US-0081728** 19930623

CT - US1199882; US3451877; US4497515; US4673609; US4940622

IC - B32B-003/10 B32B-003/24 G09F-013/14 G09F-019/14 G02B-017/00 G09F-021/04

AB - WO9611798 A

One or more panels (14, 16) define a support for an image layer (22) and a relatively dark layer (24). Holes extend through the panel and the layer. The holes allow viewing through the panels in one direction without seeing the image, yet the image can be viewed by looking at the panel assembly from the opposite direction. Thus, the image (22) is suitable as an advertising medium as applied to the transparent windows of buildings, vehicles and the like.

- A person sitting in a building or in a vehicle cannot see the image (22) on a window by looking outwardly through the window. Looking in the opposite direction, from outside to inside the vehicle, a person will see the image (22) through the assembly of panels.

- ADVANTAGE - One way vision display panel which allows company to take advantage of availability of public, transparent surface areas, such as window surfaces of buildings, vehicles and like, and which overcomes problems of previous designs. (Dwg.1/10)

UP - 1996-22

UE - 1996-25; 1996-36; 1997-16; 1998-40; 1999-02

1/2 LGST - (C) LEGSTAT  
PN - US 5609938 [US5609938]  
AP - US 324889/94 19941018 [1994US-0324889]  
DT - US-P  
ACT - 19941018 US/AE-A  
APPLICATION DATA (PATENT)  
{US 324889/94 19941018 [1994US-0324889]}  
- 19970311 US/A  
PATENT  
- 19990420 US/RF  
REISSUE APPLICATION FILED  
19990311  
UP - 1999-16

2/2 LGST - (C) LEGSTAT  
PN - WO 9611798 [WO9611798]  
AP - WO 9513277/95(US) 19951018 [1995WO-US13277]  
DT - WO-P  
ACT - 19951018 WO/AE-A  
APPLICATION DATA  
{WO 9513277/95(US) 19951018 [1995WO-US13277]}  
- 19960425 WO/AK-A1 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG  
KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK TJ TM TT UA UG UZ VN  
- 19960425 WO/AL-A1 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT  
KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ  
CF CG CI CM GA GN ML MR NE SN TD TG  
- 19960425 WO/A1 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL  
SEARCH REPORT  
- 19960724 WO/121  
EP: PCT APP. ART. 158 (1)  
- 19970723 WO/122  
EP: PCT APP. NOT ENT. EUROP. PHASE  
- 19970807 WO/REG; DE/8642 [-]  
DE: WITHDRAWAL  
<DE>  
- 19970818 WO/NENP  
NON-ENTRY INTO THE NATIONAL PHASE IN:  
CA  
<CA>  
UP - 1998-28

1/1 CRXX - (C) CLAIMS/RRX  
PN - 5,609,938 A 19970311 [US5609938]  
PA - Creative Minds Foundation Inc  
ACT - 19990311 REISSUE REQUESTED  
Issue Date of O.G.: 19990420  
Reissue Request Number: 09/267025  
Examination Group responsible for Reissue process: 1772

1/1 PAST - (C) PAST  
AN - 199916-001188  
PN - 5609938 A [US5609938]  
OG - 1999-04-20  
ACT - REISSUE APPLICATION FILED

Search statement 2

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Queries 1 through 11.

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<b>S #</b>	<b>Comment Database</b>	<b>Query</b>
<a href="#">S11</a>	USPT	lenticular near3 lens and image same decorative
<a href="#">S10</a>	USPT	lenticular near3 lens and reflected same image same decorative
<a href="#">S9</a>	USPT	lenticular near3 lens same projection near10 screen and hologram
<a href="#">S8</a>	USPT	lenticular near3 lens same projection near10 screen and (perforate or perforations)
<a href="#">S7</a>	USPT	lenticular near3 lens same projection near10 screen and perforat\$
<a href="#">S6</a>	USPT	lenticular near3 lens same hologram
<a href="#">S5</a>	USPT	one same way same vision same lens
<a href="#">S4</a>	USPT	one same way same vision and lens
<a href="#">S3</a>	USPT	4673609.uref. and (lens or three same dimensional or hologram)
<a href="#">S2</a>	USPT	(one same way same vision) or 4673609.uref.) and (lens or three same dimensional or hologram)
<a href="#">S1</a>	USPT	4673609.uref.

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DERWENT-ACC-NO: 1980-20408C

DERWENT-WEEK: 198012

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TITLE: Feeding textile sections to printing machines handling sheets - by providing stiff paper backing glued to leading edge

INVENTOR: BOGNER, H

PATENT-ASSIGNEE: BUCHDRUCK HOLZER DRUCKEREI [BUCHN], KLEIBER & CO  
GMBH DRUCKEREI [KLEIN]

PRIORITY-DATA: 1978DE-2838028 (August 31, 1978)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 2838028 A	March 13, 1980	N/A	000	N/A

INT-CL (IPC): B41F 17/00

ABSTRACTED-PUB-NO: DE 2838028A

BASIC-ABSTRACT: A sheet of a fabric which is permeable to air is given a paper backing to impart some rigidity, so that it can be fed through a relief or offset printing machine which handles materials in sheet form.

Each sheet of fabric is glued to the sheet of paper along their leading edges to prevent relative displacement during feeding and the pair are picked up from a stack as normally. The process produces high quality prints at speeds much higher and of the same quality as those obtainable by screen printing.

**TITLE-TERMS:**

FEED TEXTILE SECTION PRINT MACHINE HANDLE SHEET STIFF PAPER BACKING GLUE  
LEADING EDGE

DERWENT-CLASS: F06 P74

CPI-CODES: F03-E01; F03-G;

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